

Togiak River salmon weir, Phase I - Weir feasibility study, Togiak National Wildlife Refuge, Alaska

Abstract: A site evaluation on the lower Togiak River was conducted on May 5 and 6, 2000 to determine the feasibility of installing a resistance board weir to estimate salmon escapement. After reviewing the available flow data and conducting an on-the-ground site assessment, we feel that operating a weir on lower Togiak River to assess salmon abundance is not practical. Installing a weir at low flow appears feasible, but it would be difficult to maintain and operate through the salmon migration. Instead of operating a weir on the mainstem Togiak River, we recommend using a combination of escapement counts on 2 or 3 tributaries and an estimate of the proportion of these fish harvested in the commercial and subsistence fisheries to estimate total run size.

Citation: Larson, J. 2001. Togiak River salmon weir, Phase I - Weir feasibility study, Togiak National Wildlife Refuge, Alaska. U.S. Fish and Wildlife Service, Office of Subsistence Management, Fisheries Resource Monitoring Program, Final Report (Study 00-010 Phase I). U. S. Fish and Wildlife Service, King Salmon Fishery Resource Office, Alaska Fisheries Progress Report 2001-01, King Salmon, Alaska.